

## RESUFLO<sup>TM</sup> SCREED SF SLOPE AND FILL MORTAR

The following information is to be used as a guideline for the installation of the Resuflo Screed SF Slope and Fill Mortar flooring system. Contact the Sherwin-Williams Technical Service Department for assistance prior to application.

### APPLICATION INFORMATION - SURFACE PREP PROFILE CSP 4-9

| VOC MIXED         | APPLICATION STEP | MATERIAL                                                         | MIX RATIO | THEORETICAL COVERAGE PER COAT                      | PACKAGING                          |
|-------------------|------------------|------------------------------------------------------------------|-----------|----------------------------------------------------|------------------------------------|
| <50 g/L           | Primer           | 3579                                                             | 2:1       | 250 sq. ft./gal                                    | 3 or 15 gals                       |
| <50 g/L<br>0<br>0 | Mortar           | 3579<br>7310 3/16"-3/8" aggregate<br>5115<br>Trowel Mortar Blend | 2:1       | 12 sq. ft./gal / 1½ gal. @1"<br>75 lbs.<br>37 lbs. | 3 or 15 gals<br>50 lbs.<br>50 lbs. |
| <50 g/L           | Grout            | 3579                                                             | 2:1       | Varies according to density                        | 3 or 15 gals                       |

For additional topcoat options, contact your Sherwin-Williams representative.

## INSTALLATION

Sherwin-Williams High Performance Flooring materials shall only be installed by approved contractors. The following information is to be used as a guideline for the installation of the Resuflo Screed SF Slope and Fill Mortar System. Contact the Sherwin-Williams Technical Service Department for assistance prior to application.

### SURFACE PREPARATION — GENERAL

Sherwin-Williams systems can be applied to a variety of substrates if the substrate is properly prepared. Preparation of surfaces other than concrete will depend on the type of substrate, such as wood, concrete block, quarry tile, etc. Should there be any questions regarding a specific substrate or condition, please contact the Sherwin-Williams Technical Service Department prior to starting the project. Refer to Surface Preparation Form G-1.

### SURFACE PREPARATION — CONCRETE

Concrete surfaces shall be abrasive blasted to remove all surface contaminants and laitance. The prepared concrete shall have a surface profile depending upon system selected. Refer to Form G-1.

After initial preparation has occurred, inspect the concrete for bug holes, voids, fins and other imperfections. Protrusions shall be ground smooth while voids shall be filled with a system-compatible filler. For recommendations, consult the Sherwin-Williams Technical Service Department.

## TEMPERATURE

Throughout the application process, substrate temperature should be 50°F-90°F. Substrate temperature must be at least 5°F above the dew point. Applications on concrete substrate should occur while temperature is falling to lessen offgassing. The material should not be applied in direct sunlight if possible. Protect material from freezing prior to installation.

## PRIMER

### Mixing and Application

1. Add 2 parts 3579A (resin) to 1 part 3579B (hardener) by volume. Mix with low-speed drill and Jiffy mixer for three minutes until uniform. Apply via brush, roller or spray at a rate of 250 square feet per gallon (6 WFT mils). Wait 1-3 hours for primer to become tacky. This prevents primer from bleeding through and sliding during mortar placement. If primer is allowed to cure for more than 4 hours, broadcast lightly but uniformly with clean, dry 20-30 mesh aggregate.

## MORTAR

### Mixing and Application

1. Add 2 parts 3579A (1 gallon resin) to 1 part 3579B (1/2 gallon hardener) by volume. Mix with low-speed drill and Jiffy mixer for three minutes until uniform. Place mixed 3579 in mixer and slowly add 75 lbs. of 7310 aggregate 3/16" - 3/8" aggregate and 37 lbs. 5115 Trowel Mortar Aggregate Blend. Mix until aggregate is thoroughly "wet out." Immediately dump mortar onto substrate and screed to desired thickness.
2. Compact and smooth the mortar using a hand trowel. Allow system to cure overnight.

## GROUT

### Mixing and Application

1. Add 2 parts 3579A (1 gallon resin) to 1 part 3579B (1/2 gallon hardener) by volume. Mix with low-speed drill and Jiffy mixer for three minutes until uniform.
2. Apply 3579 using a spring steel trowel or red rubber squeegee and backroll at a spread rate sufficient to fill any voids and pinholes in the surface. Coverage will vary depending on the density of the existing fill. Allow to cure overnight.

## APPLICATION EQUIPMENT

### Brush/Roller

Use 1/4" phenolic core rollers and professional-quality, medium-stiff natural bristle brushes.

### Trowel

Use steel finishing trowel or power trowel such as manufactured by Superior.

## CLEANUP

Clean up mixing and application equipment immediately after use. Use toluene or xylene. Observe all fire and health precautions when handling or storing solvents.

## SAFETY PRECAUTIONS

Refer to the SDS before use. Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

## MATERIAL STORAGE

Store materials in a temperature-controlled environment (40°F-90°F) and out of direct sunlight. Keep resins, hardeners and solvents separated from each other and away from sources of ignition.

## MAINTENANCE

Occasional inspection of the installed material and spot repair can prolong system life. For specific information, contact the Sherwin-Williams Technical Service Department.

## DISCLAIMER

The information and recommendations set forth in this document are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication.

Consult [www.sherwin-williams.com/resin-flooring](http://www.sherwin-williams.com/resin-flooring) to obtain the most recent Product Data information and application instructions.

## WARRANTY

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams.

NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

**IMPORTANT!**

Before using Sherwin-Williams High Performance Flooring products, read and understand their accompanying Safety Data Sheet.

STANDARD TERMS AND CONDITIONS OF SALE, INCLUDING STANDARD WARRANTY APPLY - VISIT [industrial.sherwin-williams.com/na/us/en/resin-flooring](https://industrial.sherwin-williams.com/na/us/en/resin-flooring) FOR THE LATEST VERSION.

**CAUTION!** As with all chemical products, individuals may have different reactions to exposure to specific products. This is dependent upon many factors, including the individual's personal characteristics, the size of the installation, the ventilation available, the intensity of the exposure or the length of the exposure. Individuals may experience discomfort during the installation process of one product, but not another.

In some cases this is experienced as a skin irritation and in others it is experienced as an inhalant irritation. Typically, it disappears once the exposure is eliminated. In some cases people can become "sensitized" to a product and experience the discomfort every time there is exposure without Personal Protective Equipment ("PPE").

To protect yourself from various exposures or discomfort during the mixing and application of our products, we recommend covering exposed skin including using gloves, long sleeves, safety glasses and a respirator such as the 3M 8577 P95 Universal Disposable Carbon Respirator or a cartridge respirator.

Use only as directed. KEEP OUT OF REACH OF CHILDREN.

Do not reseal moisture-contaminated hardener. This will result in carbon dioxide generation or possible violent rupture of container.

## THE SHERWIN-WILLIAMS DIFFERENCE

Sherwin-Williams High Performance Flooring delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe.

### United States & Canada

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